

To: Manzanilla, Enrique[Manzanilla.Enrique@epa.gov]
From: Wise, Robert
Sent: Thur 8/13/2015 6:35:33 AM
Subject: Re: R9 data interpretation

The EPA data underwent a Level 2 validation by the START. I would also like the last paragraph on Lake Powell removed until such time that analytical data supports it. I am going to remove it from the Region 9 data summary.

Thanks,

Robert Wise
Deputy Area Commander

Sent from my iPhone

On Aug 13, 2015, at 12:25 AM, "Manzanilla, Enrique" <Manzanilla.Enrique@epa.gov> wrote:

We sent to OSWER tonight.

I cut and paste Nuggets from the Interpretation of the Navajo area data which is still has to go through the headquarters and Durango Unified Area Command. So its not ready for disclosure yet:

Deliberative Process/Ex. 5

Deliberative Process/Ex. 5

Deliberative Process/Ex. 5

From: Guria, Peter

Sent: Wednesday, August 12, 2015 10:53 PM

To: Manzanilla, Enrique; Wise, Robert

Subject: FW: R9 data interpretation

Data interpretation for R9.

From: Hiatt, Gerald

Sent: Wednesday, August 12, 2015 10:46 PM

To: McKean, Deborah; Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert

Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon; Guria, Peter; Allen, HarryL

Subject: R9 data interpretation

Attached please find the R9 interpretation of the preliminary surface water sampling results for 4 locations along the San Juan River as it flows into the Navajo Nation-see last section: "San Juan River into the Navajo Nation"

From: McKean, Deborah

Sent: Wednesday, August 12, 2015 6:44 PM

To: Hiatt, Gerald; Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert

Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon; Guria, Peter; Allen, HarryL

Subject: RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

I only sent you the write-up so you could see the format of how the summary should look to match the R8 and R6 write-ups. Please get me something that you feel describes your data, the screen you have done and how the screen turned out. The data are supposed to be posted in the morning so I need this ASAP.

From: Hiatt, Gerald

Sent: Wednesday, August 12, 2015 7:38 PM

To: McKean, Deborah; Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert

Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon; Guria, Peter; Allen, HarryL

Subject: Re: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

I'm seeing Deb's writeup in Word as an example of how to present the data, but no data files. Maybe b/c Outlook strips off attachments when an email is forwarded(?)

Gerald F.S. Hiatt, Ph.D.
Senior Regional Toxicologist
U.S. EPA, Region 9
415-972-3064
hiatt.gerald@epa.gov

Please be advised I have only limited ability to use email when not in the office (e.g., on travel) so please be patient with any delays in communication

From: McKean, Deborah
Sent: Wednesday, August 12, 2015 5:15 PM
To: Black, Ned; Delgado, Eric; Nattis, Randy; Wise, Robert
Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon; Hiatt, Gerald; Guria, Peter; Allen, HarryL
Subject: RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Please see the attached data summary report. Can you please add to this in a form similar to that provide by Regions 6 and 8?

From: Black, Ned
Sent: Wednesday, August 12, 2015 3:48 PM
To: Delgado, Eric; McKean, Deborah; Nattis, Randy; Wise, Robert
Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon; Hiatt, Gerald; Guria, Peter; Allen, HarryL
Subject: RE: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Gerry Hiatt and I have been looking at the data from the San Juan River sites sampled on 7 & 8 August. It looks like the pulse had not reached Hogback by August 7. On August 8, it appears the pulse was in the San Juan River, spread between Farmington and Shiprock with the peak metals concentrations at Hogback. Gerry has some further thoughts and observations. Regardless, this is has to be viewed as a very preliminary observation based

almost entirely on data from 4 sites on one day. We can be much more definitive after we see data from other days.

<image001.png>

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

Please be advised I currently have limited access to email when I am not in the office (e.g., on travel), therefore please be patient with any communication delays.

From: Delgado, Eric
Sent: Wednesday, August 12, 2015 2:14 PM
To: McKean, Deborah; Nattis, Randy; Wise, Robert; Black, Ned
Cc: Loesel, Matthew; McComb, Martin; Rauscher, Jon
Subject: Re: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Ned?

Sent from my iPhone

On Aug 12, 2015, at 15:48, McKean, Deborah <mckean.deborah@epa.gov> wrote:

How is the region 9 data interpretation coming?

From: Loesel, Matthew
Sent: Wednesday, August 12, 2015 2:36 PM
To: McKean, Deborah; McComb, Martin
Cc: Delgado, Eric; Rauscher, Jon
Subject: Please find attached the validated data tables for Region 6 for Surface Water Samples taken Aug 6-8, 2015

Matt Loesel

R6 Planning Section Chief

US EPA – Region 6

817-271-4586

<Data Sum_R9 150812.docx>